

What is claimed is:

1. A secondary battery comprising a positive electrode, a negative electrode, and an electrolyte, wherein:

the positive electrode includes a positive electrode mixture layer capable of occluding and releasing light metal;

the negative electrode includes a negative electrode mixture layer capable of occluding and releasing light metal;

capacity of the negative electrode is expressed by the sum of a capacity component by occluding and releasing light metal and a capacity component by precipitating and dissolving light metal; and

the ratio (A/B) of thickness A of the positive electrode mixture layer and thickness B of the negative electrode mixture layer is 0.92 or more.

2. A secondary battery as claimed in claim 1, wherein each of the thickness A of the positive electrode mixture layer and the thickness B of the negative electrode mixture layer lies within the range of 80 μm to 250 μm , both inclusive.

3. A secondary battery as claimed in claim 1, wherein the negative electrode mixture layer contains a carbonaceous material.

4. A secondary battery as claimed in claim 1, wherein the negative electrode mixture layer contains graphite.

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5. A secondary battery as claimed in claim 1, wherein the light metal includes lithium.

6. A secondary battery as claimed in claim 1, wherein the electrolyte contains LiPF_6 .

7. A secondary battery as claimed in claim 1, wherein the electrolyte contains a nonaqueous solvent and electrolytic salt, where the concentration of the electrolytic salt in the nonaqueous solvent is 2.0 mol/kg or less.

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